

Digital Camera DC1130 User Manual



Off load images within a week or less
Keep battery charged

Digital Camera DC1130

PROFILE OVERVIEW

Thank you for purchasing the DC1130 digital camera. This camera takes still, video, and acts as a PC Webcam. This camera is equipped with a 4M*16b built-in SCRAM. Through the USB Cable provided, you can download the captured images to your computer, or use the camera as a webcam for face-to-face online chat with your friends the internet.

SYSTEM REQUIREMENT

- Microsoft win98/2000/NT/ME/XP/VISTA operation system
- 125MB or above free hard disk space, 32MB or more ROM
- Usable USB interface and CD-ROM
- Color Monitor with at least 800 x600 24 net character or above

GETTING STARTED

This camera is equipped with standard accessories including instruction CD and USB cable. The following sections explain how to use them on the camera.

POWER SUPPLY

Built-in li-ion battery.

TO RECHARGE THE BUILT-IN LI-ION BATTERY

Connect camera to PC by the USB cable provided. When the battery is being charged, the indicator turns Red. When the battery is fully charged, the indicator will be off.

Precautions

Always download the images from camera before the battery discharged, otherwise, the images will be deleted automatically.

AUTOMATIC SHUT OFF FEATURE

To save battery power, the camera will automatically shut off when not used after 30 seconds.

INSTALLATION OF DRIVER

- 1. Make sure the camera is connected to your computer. Load the software CD to your PC.
- 2. Installation of Driver

Click <Install Camera Drive> and follow the step-by-step instructions to complete installation. After successful installation of driver, restart your computer. A "Precision 801 V4" folder will appear on your desktop.

TURNING ON / OFF CAMERA

- 1.Press MODE button to turn on the camera ,the power indicator light will turn green .
- 2.Press the "Mode " button within 3 seconds to turn off the camera ,or the camera will automatically turn off after 30 seconds without operation, the power indicator light will turn off .

Main Function & Settings

Press MODE button to turn on camera, then press MODE button again, you will see five icons on screen: the first for capturing mode ,second for photos resolutions ,third for compress files ,fourth for Light frequency , fifth for delete all .

Main Function

Select the first icon to set up capturing mode (include still photos  video clip  self-time /  .
continue-capturing mode  as following.

○ **STILL PHOTOS MODE**

- 1. press "Shutter" button to change icon into STILL PHOTOS mode ress "MODE" button to confirm.

- 2.Press the "Shutter" button to take photos.
- 3.The power indicator light will flicker when capturing.

○ **SELF-TIME MODE**

- 1. press "Shutter" button to change icon into SELF-TIME mode ress "MODE" button to confirm.
- 2. On the front of the camera adjacent to the lens is a small aiming mirror.
- 3. Hold camera at arms length and use mirror to center your portrait.
- 4.Press"Shutter"button to self-time capturing.

○ **VIDEO MODE**

- 1. press "Shutter" button to change icon into VIDEO CLIP mode ess "MODE" button to confirm.
- 2.Press "Shutter" button to start capturing, press again to stop capturing.

○ **CONTINUOUS CAPTURE MODE**

- 1. press "Shutter" button to change icon into CONTINUOUS CAPTURE mode ess "MODE" button to confirm.
- 2.Press the "Shutter" button to take three photos continuously.
- 3.The power indicator light will flicker per capturing.

Settings-DELETE ALL PHOTOS

- 1. Select the fifth icon and press "Shutter" button to enter "DELETE ALL" mode. 
- 2.Select "YES" option to delete all files , and select "No" option to cancel.

Settings-HI RESOLUTION/LO RESOLUTION

The resolution governs how much detail is captured in each picture. The default resolution is **Hi**.

- 1.Select the second icon to set up HI ☆☆/ LO ☆resolution.
- 2.Press "Shutter" button to change the icon into HI or LO resolution.

3.pree "MODE" button to confirm .

Settings-IMAGE COMPRESSION

In order to better utilize the built-in memory, the CLIPSTER carries a File Compression function. When the digital camera is set to compress the files, more images or increased length of video can be stored. The default non-compression mode is "Hd".

- 1.Select the third icon to set up compression / no-compression files .
- 2.Press "Shutter" button to change the icon into compression / no-compression files .
- 3.pree "MODE" button to confirm .

Settings-FREQUENCY SELECTION

In most American and Asian countries, the frequency is generally 60Hz; UK, Japan, and power supply for your country/area. European countries generally use 50Hz. The correct frequency should be selected in conformity to the local AC power supply to avoid banding effect. Please check with the local Electrical Power Supplier to verify the correct power supply for your country/area.

- 1.Select the fourth icon to set up light frequency .
- 2.Press "Shutter" button to change the icon into 50HZ / 60HZ light frequency .
- 3.pree "MODE" button to confirm .

DOWNLOAD, SAVING, TRANSFERRING & ADJUSTING IMAGES

When the photo memory is full, the operation will stop and the "FL" symbol will appear.

To save your images, you'll need to download or transmit them to your computer.

- 1.Use the USB cable to connect the computer with the digital camera. You will hear a "beep" sound indicating a successful connection.
- 2.Select the folder "My DSC" on your computer desktop or under the Program Menu. Click on the "MYDSC2" icon to open program.



3.Click the icon of a pink camera on the bottom left to download your images.



Note: After downloading the files from your camera, thumbnails of the images will be shown on the twelve boxes of the program screen. Video images will be marked with an "AVI" logo on the upper left-hand corner of the thumbnails.



USING THE DIGITAL CAMERA AS PC CAMERA

1. Click on the "Precision 801 V4" folder on your computer desktop or under the Program Menu. Click on the "PC Cam" icon to open program.

If the Digital Camera does not start preview automatically, go to "Options" on the menu bar and choose "Preview" to activate.

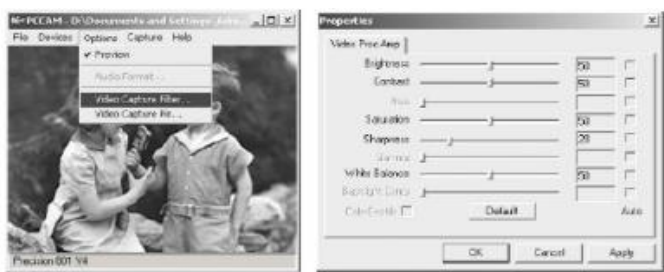


2. Go to "File" on the menu bar and choose "Set Capture File" for choosing the default location for saving. Choose the desired location and name the file (be sure to include "AVI" after the file name) then click "Open". The video recorded will be saved to this location automatically.



3. A pop-up menu will appear requesting for the desired disk space to set aside for captured file. The default is set at 1MB. Click OK. (There is no need to enlarge the disk space set aside because the program will automatically adjust when insufficient.

4. Go to "Options" on the menu bar and choose "Video Capture Filter..." for image setting. Choose the desired level of "Brightness", "Contrast", "Saturation", "Sharpness", and "White Balance". Click to exit. To return to default image setting, click "Default" and then "OK" or "Apply".



5. Go to "Options" on the menu bar and choose "Video Capture Pin..." to choose the resolution of the video that will be captured. Choose the desired

"Frame Rate" and the desired "Color Space/Compression" and "Output Size". Click "OK" or "Apply" to confirm setting. Otherwise, click "Cancel" to exit.



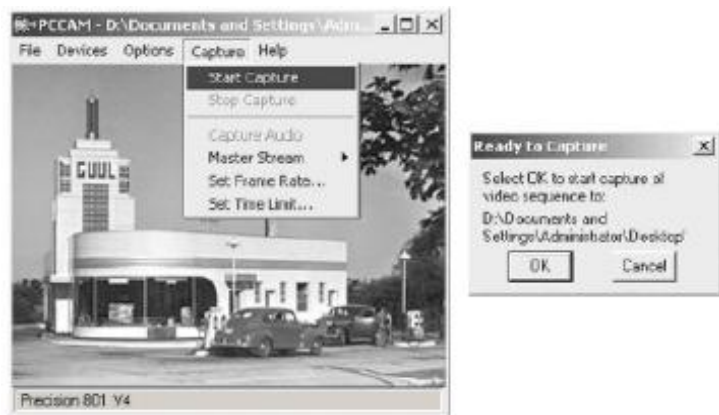
6. Go to "Capture" on the menu bar and choose "Set Frame Rate" to set the desired "Frame per Second" for the video that will be captured. Make sure the checkbox for the "Use Frame Rate" is checked and enter desired Frame Rate per second. Click "OK" to confirm, click "Cancel" to discontinue the setting.



7. Go to "Capture" on the menu bar and choose "Set Time Limit" to set time limit for the video that will be captured. Make sure the checkbox for the "Use Time Limit" is checked and enter the desired Time Limit. Click "OK" to confirm, click "Cancel" to discontinue the setting.



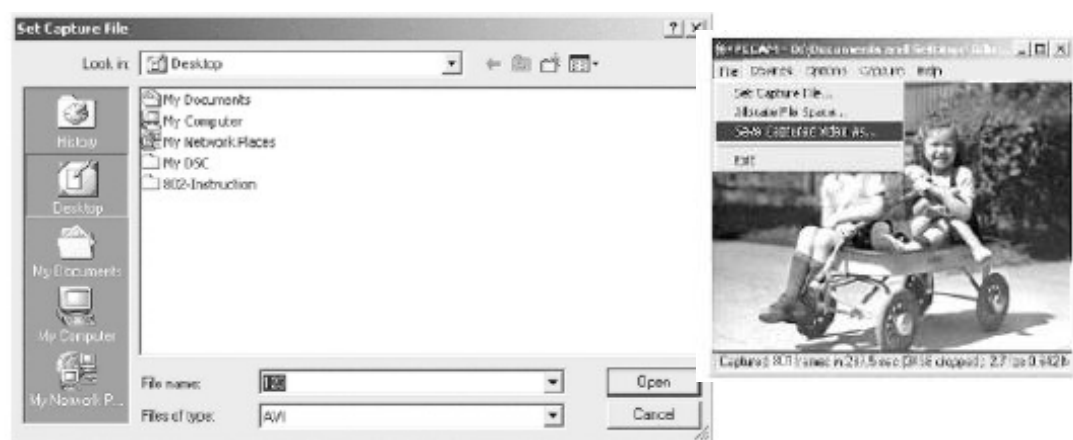
8. Go to "Capture" on the menu bar and choose "Start Capture" (the default saving location must be set). A pop-up window will appear requesting confirmation to proceed while showing the default saving location. Click "OK" to begin video capturing.



9. The Digital Camera will begin capturing video with the timer on the bottom of the program screen. When finished, go to "Capture" and choose "Stop Capture" to stop video capturing.



10. To save the file in location other than the default location, go to "File" on the menu bar and choose "Save Captured Video As...". Choose the desired location and rename if necessary (be sure to include "AVI" after the file name), then click "Open"



USING THE DIGITAL CAMERA AS A WEB CAM

The digital camera supports most Webcam software applications such as Microsoft®, Yahoo Messenger® etc. Used with these software applications, the digital camera functions as a Web Cam. Below are the detailed instructions to obtain Microsoft® Netmeeting® program:

a. For Windows® Xp

Click on the "Start" button on the computer desktop.

Click "Run".

When the "Run" window appears, type "conf" and click "Confirm".

The Microsoft® Net meeting® Program installation will start automatically.

Follow the on-screen instruction to complete the installation.

Once the installation is completed, open the program. When your digital camera is connected to your computer, click the "play" icon to activate the digital camera as Web Cam

b. For Windows® 98 & Me & 2000

Go to the Microsoft® Official Net meeting® website to download the latest Net meeting® program.

<http://www.microsoft.com/windows/netmeeting/default.asp>

Once the program is installed, open the program. When your digital camera is connected to your computer, click the "Play" icon to activate the digital camera as Web Cam.

CAMERA SPECIFICATIONS

Image Sensor: 300K Pixel CMOS sensor

Internal Memory: 4*16Mb built-in SDRAM

Modes: digital video recording (no sound) - still photos - PC Camera

Resolution: 320x240

File Formats: 24-bit JPEG/AVI

Storage Capacity:-VGA 26 images 79 compressed

-QVGA 104 images 319 compressed

-AVI ~79 seconds

Status display: 1'CSTN

Interface: USB 1.1

Video Frame Rate: 8-12 fps(QVGA)

Lens: Fixed; f=6.00mm

Focus: settings 40cm~infinity (Normal)

Aperture: F2.8

Power source: Built-in li-ion battery

Power control: Auto power off after 30 seconds without operation

Self timer: 10 seconds

Auto off system time: 30seconds

Low voltage alarm: Display on screen

Dimensions: 3.58mm(L) x 2.12mm(W) x 1.02 mm(H)

Weight: .71 oz

FCC LABELING AND INSTRUCTION MANUAL REQUIREMENTS

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1)this is device may not cause harmful interference,and(2)this device must accept any interference received, including interference that may cause undesired operation.

Warning: changes or modifications to this unit not expressly approved by

the party responsible for compliance could void the user' s authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a class Digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measure.

- Reorient or relocate the receiving antenna.
- increase the separation between the equipment and receiver.
to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

IMPORTANT NOTICE:

If you are experiencing any issues with our product please contact our customer service department for assistance at support@cobradigital.com

WARRANTY:

This product has been thoroughly tested and inspected before shipment. Purchased from an authorized dealer, it is guaranteed from defects in material and workmanship from the date of purchase for 1 year. Under the limited guarantee we will replace or repair any part or parts which have been found to be defective in original material or workmanship. Should you require in-guarantee service, send your product and proof of purchase directly to **Cobra Digital, 95 E. Messner Dr, Wheeling, IL 60090**. Enclose a check or money order for \$9.00 to cover return shipping charges. Pack the product well and we recomend using a shipping method that gives you tracking or delivery confirmation.